

ALTEC 1201B-1202B-1204A

Non-Powered Speaker Systems

1201B
1202B
1204A



1201B



1202B



1204A

Features

Up to 85 Watts of Power
(1202B & 1204A)

"The Voice of the Theatre®"
Components (1202B & 1204A)

Rated at 8 Ohms

Full Section Crossover
Network (1202B & 1204A)

Symbiotik™ Diaphragm
(1202B & 1204A)

Vinyl Enclosures

Roll Around Casters
(1202B - 1204A)

DYNAMIC

DISTINCTIVE

DIMENSIONAL SOUND

DESIGNED FOR: MOTION PICTURE STUDIOS - RECORDING AND BROADCAST STUDIOS - MUSIC CENTERS - AUDITORIUMS - CONCERT AND MEETING HALLS - NIGHT CLUBS - RESTAURANTS - THEATRES - CHURCHES - SCHOOLS - STADIUMS - ARENAS

ALTEC, offers a promising approach to design flexibility, in three non-powered speaker systems, the ALTEC 1201B, 1202B, and 1204A. Most widely used by professional musicians, these systems provide complete coverage for any requirement.

The ALTEC 1201B Column Speaker System may be used to fill any small alcove or other area out of the main room. Compact and portable the 1201B provides a system that is easy to handle, carefully engineered for optimum distribution and smoothness of response.

Frequency response of the ALTEC 1201B Column Speaker System, is extremely wide, from 70 to 14,000 Hz. Impedance is rated at 8 ohms, with power handling a very conservative 50 watts.

The ALTEC 1202B Musical Instrument/Public Address Speaker System is a rugged, attractively styled speaker system patterned after ALTEC'S famous "The Voice of the Theatre®" speakers. Featuring an 8 ohm impedance, the 1202B is capable of being paralleled with another similar system and operated from a 4-ohm amplifier having up to 170 watts of continuous power. The system incorporates a highly efficient, high frequency speaker and sectoral horn with a large low frequency speaker. Crossover network of the 1202B is a full section LC type unit with crossover at 800 Hz.

The new ALTEC 1204A Wide Range Speaker System was designed to achieve the performance required by professional musicians and is capable of being operated from amplifiers rated at 85 watts continuous power output. Input impedance is 8 ohms and two systems may be used with a 4-ohm amplifier. The high frequency section is supplied with a high frequency driver coupled to a sectoral horn embodying a revolutionary new diaphragm of *Symbiotik*™ construction.

The crossover network of the 1204A is a full section LC type unit with crossover at 500 Hz, including a switch to vary the high frequency output for control of acoustical output for varying ambient noise conditions.

All of ALTEC'S Speaker Systems are of plywood construction with vinyl coverings and vinyl edge bumpers. The 1202B and 1204A are fitted with casters for easy 'roll around' handling.

Modern techniques in design and engineering is the key to consistent, excellent results, and at ALTEC, quality standards must be the highest attainable.



ALTEC DIVISION OF LANSING ALTEC, INC.

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RECORDING &

BROADCASTING

EQUIPMENT

ALTEC 1201B-1202B-1204A

SPECIFICATIONS

Description	Model 1201B	Model 1202B	Model 1204A
Frequency Response:	70 — 14,000 Hz	40 — 15,000 Hz	35 — 20,000 Hz
Power Rating:	50 watts continuous	For use with amplifiers with up to 85 watts continuous power output	For use with amplifiers with up to 85 watts continuous power output
Impedance:	8 ohms	8 ohms	8 ohms
Crossover Frequency:		800 Hz	500 Hz
Efficiency:		100 dB (53 dB EIA rating)*	102 dB SPL (55 dB EIA rating)*
Input Connections:		Standard phone jack	Standard phone jack
Speaker Components:	Two 10" heavy duty direct radiator (cone type) speakers	422-8Z LF speaker 807-8Z HF speaker 811C, 800 Hz Horn 30819, 800 Hz 8 ohm crossover network	423-8Z LF speaker 808-8Z HF speaker 511C Horn 56-06-030820 crossover network
Enclosure:	3/4" plywood construction with tough vinyl Lavant covering and vinyl edge bumpers. Convenient side handle provided for easy handling	Base reflex type 3/4" plywood construction with vinyl covering and vinyl edge bumpers. Cabinet is fitted with casters and a handle for easy roll around handling	Infinite baffle type 3/4" plywood construction with vinyl covering and vinyl edge bumpers. Cabinet is fitted with casters and a handle for easy roll around handling
Dimensions:	30" H x 10-3/4" D x 13-3/4" W	42" H x 24" D x 23" W	45" H x 28" W x 25-1/2" D
Weight:	35 pounds	106 pounds	120 pounds
Accessories:	20 foot cable with standard phone plug on each end. Optional, vinyl slipcover	20 foot cable with standard phone plug on each end. Optional, vinyl slipcover (1105A)	20 foot cable with phone plug at each end. Optional, vinyl slipcover (1108A)

*Average sound pressure level over the band of 600 — 2400 Hz with a warble tone applied at 1 electrical watt measured at a distance of 4 feet.

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

- 1201B** The column speaker shall be 30" high x 10-3/4" deep x 13-3/4" wide. The weight of the column speaker shall not exceed 35 pounds. The column speaker system shall have a power rating of 50 watts continuous power. The frequency response shall be from 70 to 14,000 Hz. Impedance shall be rated at 8 ohms. The column speaker system shall employ two heavy duty 10" cone type speakers. The speaker system shall include 20 feet of cable with standard phone plugs molded at each end.
- 1202B** The musical instrument/public address system shall be of the two-way theatre type, with a frequency response of 40 to 15,000 Hz. The speaker system shall have an efficiency rating of 100 dB (53 dB EIA rating), average sound pressure level over the band of 600 — 2400 Hz with a warble tone applied at 1 electrical watt measured at a distance of 4 feet. The speaker system shall have an impedance of 8 ohms and a power handling capacity of 85 watts continuous power. The speaker system shall employ one 15" low frequency speaker; one high frequency speaker, 800 Hz sectoral horn, and one 800 Hz 8 ohm crossover network. The enclosure shall be of the bass reflex type, 3/4" plywood construction with a vinyl covering and vinyl edge bumpers. The enclosure shall be fitted with casters and a side handle for ease of handling. Overall size of the system shall be 42" high x 24" deep x 23" wide. Weight shall not exceed 106 pounds. The speaker system shall include 20 feet of cable with standard phone plugs molded on each end.
- 1204A** The wide range speaker system shall be of the two-way theatre type. Frequency response shall be 35 to 20,000 Hz. The speaker system shall have an efficiency rating of 102 dB SPL (55 dB EIA rating) average sound pressure level over the band 600 — 2400 Hz with a warble tone applied at 1 electrical watt measured at a distance of 4 feet. The speaker system shall have a power rating of 85 watts continuous, with an impedance of 8 ohms. Crossover frequency shall be at 500 Hz. The speaker system shall employ one low frequency bass speaker; one high frequency speaker 500 Hz sectoral horn. The high frequency driver shall employ a new *Symetech* diaphragm assembly coupled to the high frequency horn. The enclosure shall be of the infinite baffle type, 3/4" plywood construction with a vinyl covering and vinyl edge bumpers. The enclosure shall be fitted with casters and a side handle for ease of handling. Overall size of the system shall be 45" high x 28" wide x 25-1/2" deep (over handle and horn). Weight shall not exceed 120 pounds. The speaker system shall include 20 feet of cable with standard phone plugs molded at each end.
- Any speaker system not meeting these requirements shall be deemed unacceptable under these specifications.
- The column speaker system shall be ALTEC Lansing model 1201B.
- The musical instrument/public address system shall be ALTEC Lansing model 1202B.
- The wide range speaker system shall be ALTEC Lansing model 1204A.

NOTICE
We recommend that you obtain your Altec products from factory trained authorized Altec Sound Contractors and Distributors. This will assure you of proper installation, a continuing source of knowledgeable advice, service, and quick warranty protection.